

SPHERICAL RING ANTENNA**Abstract of the Disclosure**

An antenna includes a radiating ring element formed as a spherical sector or about a one-half wavelength circumference in natural resonance for obtaining uniform current distribution and enhancing the gain relative to the size of the antenna. A capacitive element, such as a gap, can be formed therein for forcing the radiating ring element to resonance. A variometer feeds the radiating ring element and is operative for varying feed impedance.